

# Genoa: 3000811 Geoffrey Inner Jib for sv Alvei

Design Info  
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Design File:  
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000811 Geoffrey larger order\3000811 Geoffrey I

Initial Design Date: 19/8/2019  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

|                            |          |
|----------------------------|----------|
| Luff geodesic:             | 9.200m   |
| Leech geodesic:            | 4.910m   |
| Foot geodesic:             | 6.210m   |
| Headboard width:           | 0.050m   |
| Luff perpendicular (HLP):  | 3.171m   |
| Upper width (HUW):         | 0.370m   |
| Three-quarter width (HTW): | 0.714m   |
| Half width (HHW):          | 1.469m   |
| Quarter width (HQW):       | 2.295m   |
| Foot median:               | 6.689m   |
| ORC Headsail Area:         | 14.025m? |
| IRC Headsail Area:         | 14.018m? |
| Surface Area:              | 13.719m? |

## Luff Curve

|         |        |
|---------|--------|
| 9.198m, | 0.000m |
| 6.899m, | 0.041m |
| 4.599m, | 0.055m |
| 2.300m, | 0.041m |
| 0.000m, | 0.000m |

## Fanned Luff (@ 5.00% [0. Before BSeam

|                 |         |         |
|-----------------|---------|---------|
| 100% (9.198m) : | 0.000m  | -0.000m |
| 90% (8.278m) :  | -0.027m | 0.003m  |
| 80% (7.359m) :  | -0.050m | 0.010m  |
| 70% (6.439m) :  | -0.069m | 0.025m  |
| 60% (5.519m) :  | -0.080m | 0.043m  |
| 50% (4.599m) :  | -0.084m | 0.055m  |
| 40% (3.679m) :  | -0.080m | 0.059m  |
| 30% (2.759m) :  | -0.068m | 0.052m  |
| 20% (1.840m) :  | -0.051m | 0.030m  |
| 10% (0.919m) :  | -0.028m | 0.005m  |
| 0% (0.000m) :   | 0.000m  | 0.000m  |

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## Seam Allowances

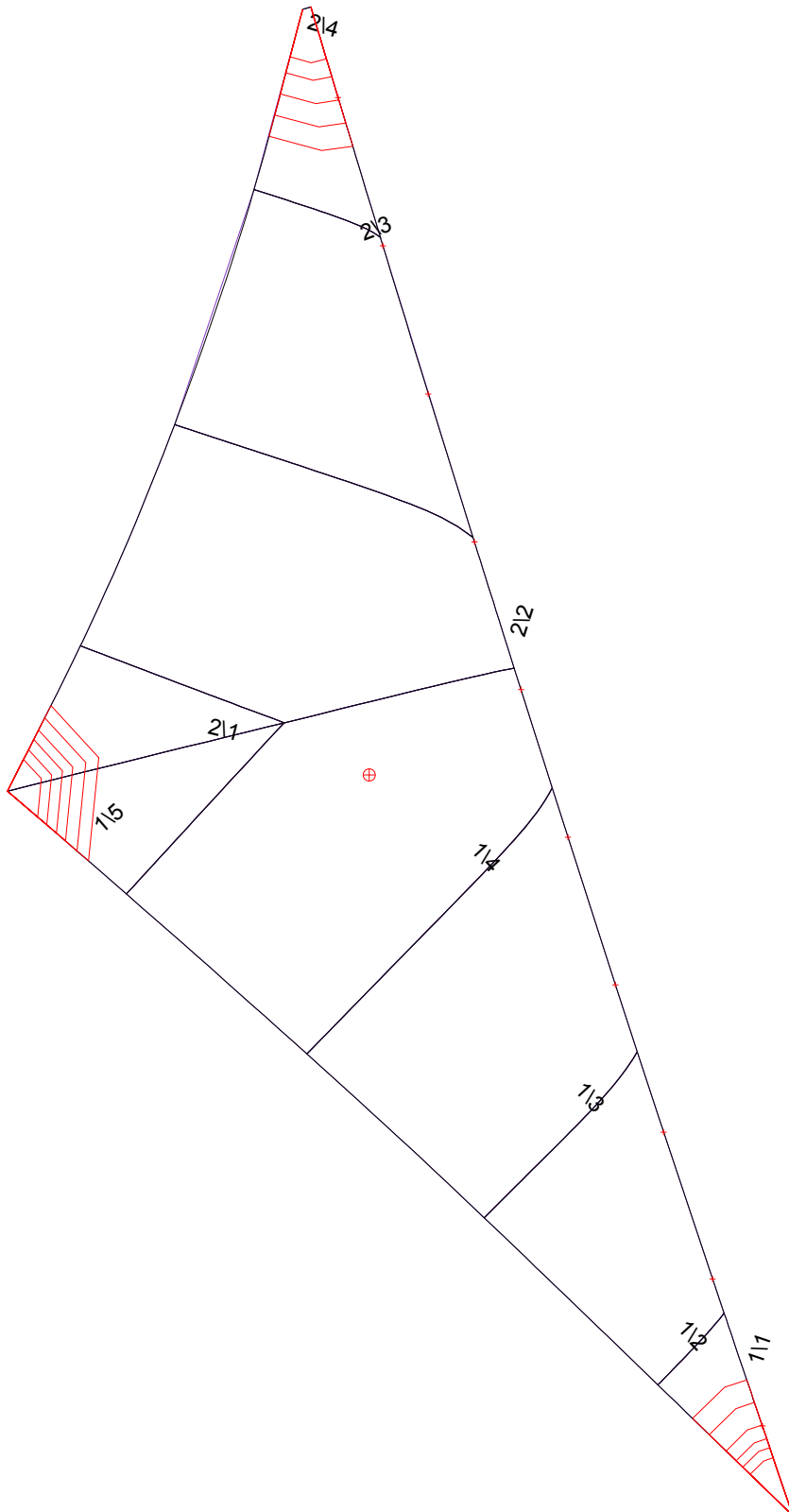
|         | Split  | Radial | Cross  |
|---------|--------|--------|--------|
| Zone: 1 | 0.000m | 0.030m | 0.030m |
| Zone: 2 | 0.000m | 0.000m | 0.030m |

## Edge Excesses

| Sail: | Luff   | Leech  | Foot   |
|-------|--------|--------|--------|
|       | 0.000m | 0.000m | 0.000m |

## Materials

| Material   | Area (m <sup>2</sup> ) | Panels                                        |
|------------|------------------------|-----------------------------------------------|
| Material 1 | 14.18                  | 1/1, 1/2, 1/3, 1/4, 1/5<br>2/1, 2/2, 2/3, 2/4 |



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